

AGENDA: December 7, 2004

4.18

CATEGORY: Consent

DEPT.: Public Works

TITLE: 2003-04 Water and Sewer Main Replacement, Project 04-22 and Project 04-23 – Approve Plans and Specifications and Authorize Bidding

RECOMMENDATION

Approve the plans and specifications for 2003-04 Water and Sewer Main Replacement, Project 04-22 and Project 04-23, and authorize staff to advertise the project for bids.

FISCAL IMPACT

2003-04 Water and Sewer Main Replacement, Project 04-22 and Project 04-23, were funded as part of the 2003-04 Capital Improvement Program (CIP) in the amount of \$1,255,000 from the Water Fund and \$1,216,000 from the Wastewater Fund, respectively, for a total budget of \$2,471,000. The estimated cost of the project based on the number of streets selected and included is \$2,802,000.

Staff recommends advertising the project to determine the low bid price. If the project cost, based on the low bid, comes in higher than the budget, staff will recommend transferring funds from the 2004-05 annual water and sewer main replacement projects to augment the budget when the construction contract is awarded or, alternatively, recommend accepting a bid alternate to defer some work to meet budget, depending on bid results. Transferring funds between the annual utility maintenance projects or deferring some work is sometimes necessary as it is not possible to exactly match the quantity of block-by-block replacements to be done in one year to the budget. One of the goals of these annual projects is to complete all the work on a street in one year to minimize disturbing the neighborhood and to take advantage of the economy of scale that comes from completing the entire length of street in a single project.

BACKGROUND AND ANALYSIS

Each year, the City implements several utility infrastructure maintenance projects to rehabilitate or replace the substandard or end-of-life utility mains and ensure reliable service and delivery to its citizens. 2003-04 Water and Sewer Main Replacement, Project 04-22 and Project 04-23, includes replacement of approximately 6,320 linear feet of water main and 8,050 linear feet of sewer main on Hope Street, Drew Avenue, Doane Avenue, Wagner Avenue, Elsie Avenue, Springer Road, Nilda Avenue, Villa Nueva Way, Villa Nueva Court and Moffett Boulevard north toward Route 101.

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Project 04-22 and Project 04-23 were combined because the underground utility work is similar and some of the streets on the list include both water main and sewer main replacements. This combination of projects provides a more efficient design and construction process and minimizes the number of times neighborhoods are disturbed by construction activities. The estimated project cost is as follows:

Construction (including \$110,000 contingency)	\$2,310,000
Design Services	216,000
City Design/Project Management	50,000
Construction Inspection and Testing	50,000
Miscellaneous	<u>5,000</u>
Subtotal	\$2,631,000
City Administration @ 6.5%	<u>171,000</u>
TOTAL	\$2,802,000

The construction is anticipated to begin in May 2005 and can be completed by March 2006. In accordance with the provisions of the California Environmental Quality Act (CEQA), this project is categorically exempt as repair and maintenance of existing facilities.

PUBLIC NOTICING – Agenda posting.

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Approved by:

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SC/9/CAM/910-12-07-04M^

Attachment: 1. Summary of Water and Sewer Main Replacement

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